

What is claimed is:

1. A fin comprising a plate,

said plate having a hole therethrough, the hole having two elongated flat sides and two curved portions connecting the flat sides, the elongated sides having a length that is substantially greater than a radius of curvature of the curved portions,

said plate having at least one collar portion adjacent to the hole, the collar portion extending approximately in a direction normal to said plate.

2. The fin of claim 1, wherein the plate has at least two collar portions, separated from one another by a pair of slots.

3. The fin of claim 1, wherein the collar portion is formed by drawing.

4. A heat pipe assembly, comprising:

a heat pipe having an envelope, the envelope having two elongated flat sides and two curved portions connecting the flat sides, the elongated sides having a length that is substantially greater than a radius of curvature of the curved portions; and

at least one fin comprising a plate, the plate having a hole therethrough that is sized to accommodate the envelope, the hole having two elongated flat sides and two curved portions connecting the flat sides, the elongated sides having a length that is substantially greater than a radius of curvature of the curved portions, the plate having at least one collar portion adjacent to the hole, the collar portion extending approximately in a direction normal to the plate.

5. The heat pipe assembly of claim 4, wherein the plate has at least two collar portions, separated from one another by a pair of slots.

6. The heat pipe assembly of claim 4, wherein the collar portion is formed by stamping.
7. The heat pipe assembly of claim 6, wherein the collar portion is further formed by drawing.
8. The heat pipe assembly of claim 4, wherein the assembly includes a plurality of fins.
9. A method for making a heat pipe assembly, comprising the steps of:
 - providing a heat pipe having an envelope, the envelope having two elongated flat sides and two curved portions connecting the flat sides, the elongated sides having a length that is substantially greater than a radius of curvature of the curved portions;
 - forming a fin having a hole therethrough sized and shaped so as to accommodate the envelope; and
 - placing the fin on the envelope.
10. The method of claim 9, further comprising drawing a collar portion of the fin adjacent to the hole, so that the collar portion extends approximately in a direction normal to the fin.
11. The method of claim 9, wherein the stamping step includes forming a collar portion of the fin adjacent to the hole, so that the collar portion extends approximately in a direction normal to the fin.
12. The method of claim 9, further comprising cutting two or more notches in the collar portion.

13. The method of claim 9, wherein the forming step includes stamping the fin from a plate.
14. The method of claim 13, wherein the stamping step includes cutting two or more notches in the collar portion.
15. The method of claim 9, wherein the forming step includes:
stamping a hole in the plate that is slightly smaller than a cross section of the heat pipe, and
drawing a portion of the plate located around the hole, so as to form a collar sized to receive the heat pipe.
16. A fin comprising a plate wherein said plate has a hole defined therethrough, said hole having two elongated flat sides and two curved portions connecting the flat sides, the elongated sides having a length that is substantially greater than a radius of curvature of the curved portions, said plate having at least one collar portion adjacent to the hole, the collar portion extending approximately in a direction normal to said plate, wherein the plate has at least two collar portions, separated from one another by a plurality of slots.
17. The fin of claim 16 wherein the plate has at least one bent edge that is spaced away from said collar.
18. The fin of claim 16 wherein the plate has at least one embossed surface.
19. A heat pipe assembly, comprising:
a heat pipe having an envelope, the envelope having two elongated flat sides and two curved portions connecting the flat sides, the elongated sides having a length that is substantially greater than a radius of curvature of the curved portions; and

a plate having a hole defined therethrough for accepting a portion of said heat pipe, said hole having two elongated flat sides and two curved portions connecting the flat sides, the elongated sides having a length that is substantially greater than a radius of curvature of the curved portions, said plate having at least one collar portion adjacent to the hole, the collar portion extending approximately in a direction normal to said plate, wherein the plate has at least two collar portions, separated from one another by a plurality of slots.

20. The fin of claim 19 wherein the plate has at least one bent edge that is spaced away from said collar.
21. The fin of claim 19 wherein the plate has at least one embossed surface.